

54347

De Rev.

SPW

Work Order ID 53992

November 25, 2009 11:47:00 AM

Page 1

Item ID: D2011-101

Accept

Revision ID: G

Item Name: 6" Mirror

Start Date: 11/25/09

Start Qty: 50.00

Required Date: 11/30/09

Req'd Qty: 50.00

Reference:

Approvals:

Process Plan: C2

Date: 09/11/25

Tooling:

Date:

QC:

Date:

SPC (Y/N):

Date:

Run

Start

Stop

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run HoursDraw
NumberDraw
Rev.Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

Draw Nbr

Revision Nbr

D2011

Rev G

100

0.00



Purchasing

PURCHASING

Memo

0.00

Purchasing

Issue P/O: 10841 ☐ Mirror P/N: CHM10601 ☐ Possible supplier:Auto Parts Extra ☐ Material release note required

110

0.00



Packaging

Receive & Inspect for Damage & Mat'l Certs

Memo

0.00

Packaging

Ensure material certification is attached

120

0.00



QC

QC6- Inspect dimensions to drawing

Memo

0.00

Quality Control

27 Serial 104

counted

(30)

09-11-25 (60)

09/11/22 (30)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 53992

November 25, 2009 11:47:00 AM

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Item ID: D2011-101

Accept

Revision ID: G

Item Name: 6" Mirror

Start Date: 11/25/09 Start Qty: 50.00

Required Date: 11/30/09 Req'd Qty: 50.00

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Setup Start

Stop

Run Start

Stop

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Draw Number	Draw Rev.	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	----------------	--------------	--------------	---------------	---------------	------------------	----------------

130



Small Fab

Small Fab

Small Fab

Memo

1- Discard Hardware & Install new hardware loosely 2- Crimp stud as per Dwg D2011

0.00

0.00

140



QC

Quality Control

QC5- Inspect part completeness to step on W/O

Memo

4- Test assembly to 50lbs pull test after 24 hours

0.00

0.00

150



Packaging

Packaging

Identify as per dwg & Stock Location: _____

Memo

0.00

0.00

9/30/07 (30)

counted
(30) f

12/1/08 (30)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 53992

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Item ID: D2011-101

Accept



Setup Start



Revision ID: G

Stop



Item Name: 6" Mirror

Start Date: 11/25/09 Start Qty: 50.00



Cust Item ID:

Required Date: 11/30/09 Req'd Qty: 50.00



Customer:

Reference:

Run Start



Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Stop



QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run HoursDraw
NumberDraw
Rev.Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

160

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

09/12/08 J

MF

09-12-08

Picklist Print

November 25, 2009 11:46:59 AM

Page 1

Work Order ID: 53992

Parent Item: D2011-101RevG

Parent Item Name: 6" Mirror

Comments:

Start Date: 11/25/09

Required Date: 11/30/09

Start Qty: 50.00

Required Qty: 50.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	--------------------------	---------------	----------------	--------

AN960JD416L		Purchased	No			110	Each	858.0000	50.0000			
-------------	--	-----------	----	--	--	-----	------	----------	---------	--	--	--



Washer

Warehouse Location	Loc Qty	Loc Code
-----------------------	---------	----------

Main Warehouse

ST	858	
107008	54	
108138	4	
108583	42	
110153	358	
112492	400	

50.0000



9/30/12/07

CHM-10601		Purchased	No			130	Each	0.0000	50.0000			
-----------	--	-----------	----	--	--	-----	------	--------	---------	--	--	--



Mirror 6"

D2829RevB



Threaded Stud

B53992

50.0000



9/30/12/07

Manufactured	No					130	Each	32.0000	50.0000			
--------------	----	--	--	--	--	-----	------	---------	---------	--	--	--

50.0000



9/30/12/07

Warehouse Location	Loc Qty	Loc Code
-----------------------	---------	----------

Main Warehouse

ST	32	
48632	14	
53310	18	

14
16

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

Page 2

November 25, 2009 11:46:59 AM

Work Order ID: 53992



Parent Item: D2011-101RevG



Parent Item Name: 6" Mirror

Start Date: 11/25/09

Required Date: 11/30/09

Comments:

Start Qty: 50.00

Required Qty: 50.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
D3014-IRevA		Manufactured	No			130	Each	465.0000	50.0000			
Locknut												

EPB 09/12/07

<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
<u>Location</u>		
Main Warehouse		
ST	465	
18605	465	

30

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

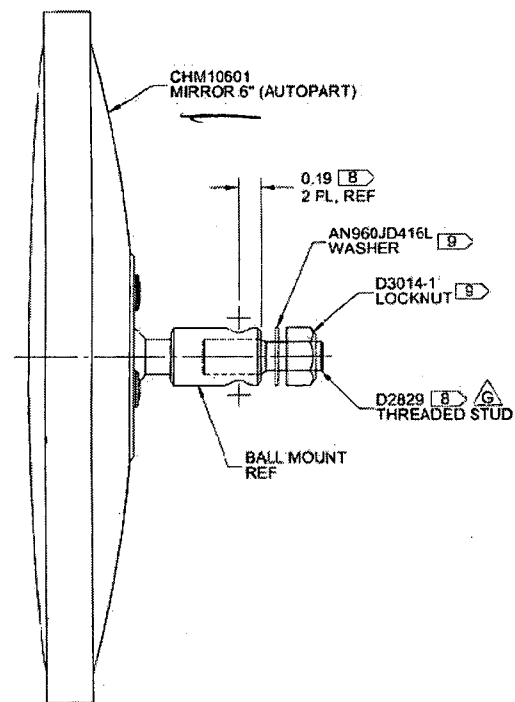
Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

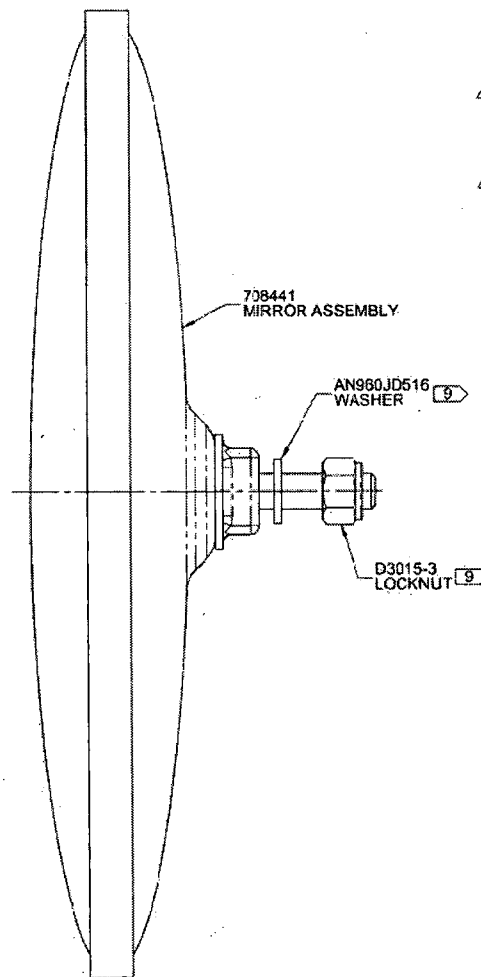
NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

8 7 6 5 4 3 2 1



D2011-101 MIRROR ASSEMBLY 6"



D2011-103 MIRROR ASSEMBLY 8"

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: D2011-101 = 0.6 lbs APPROX. ; D2011-103 = 1.0 lbs APPROX.
- 8) D2829 INSTALLATION PROCEDURE:
 - APPLY LOCKTITE 262 TO $\phi 5/16$ END OF D2829
 - THREAD BY HAND INTO BALL MOUNT UNTIL ENTIRE $\phi 5/16$ END OF D2829 IS WITHIN BALL MOUNT
 - CRIMP BALL MOUNT ON TWO OPPOSING SIDES, 0.19 FROM END AS ILLUSTRATED USING TOOL DT8317
 - CRIMP TO DEPTH OF 0.040 ± 0.010 USING R0.125
- 9) INSTALL LOOSE

ITEM	QTY -101	QTY -103	P/N	DESCRIPTION
1	X		D2011-101	MIRROR ASSEMBLY 6"
2		X	D2011-103	MIRROR ASSEMBLY 8"
3	1		D2829	THREADED STUD
4	1		D3014-1	LOCKNUT
5		1	D3015-3	LOCKNUT
6	1		CHM10601	MIRROR 6" (AUTOPART)
7		1	708441	MIRROR 8" (VELVAC)
8	1		AN960JD416L	WASHER
9		1	AN960JD516	WASHER

W/O: 53992
C20911125

RELEASED
06-10-2017

G	REDRAWN IN SOLIDWORKS TO CURRENT STANDARD AND TRANSFERRED TO "B" SIZE FORMAT. MIRROR 6" (AUTOPART) AND CHM10601 WERE MIRROR 6" (GROTE) AND PIN 28643 (ZN D3-1). ADDED D2829 (ZN D3-1 AND ZN C6-1); REMOVED DRILLING NOTE, VIEW A-A AND SIKAFLEX APPLICATION NOTE. REASON: GROTE PRODUCT IS DISCONTINUED.	MB	06.10.06
F	ADD HOLES FOR SEALANT ON -101	CP	04.09.10
E	NEW 8" MIRROR	CP	01.05.08
D	NEW 6" MIRROR, ADD NUT, REMOVED STUD	CP	01.04.23
C	REPLACE DOMINION AUTO MIRRORS WITH PHILLIPS, ADDED STUDS, REDRAWN	RF	99.06.01
B	SIKAFLEX 241 ADDED	JB	98.04.09
A	DWG NO. WAS DSP1011, ADDED -103	JB	90.05.15
-	NEW ISSUE	JB	90.03.31

REV.	DESCRIPTION	BY	DATE
DESIGN	JB		
DRAWN			
CHECKED			
MFG APPR			
APPROVED			
DE APPR			
DATE	08.10.06		

DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWING NO. D2011	REV. G SHEET 1 OF 1
TITLE MIRROR ASSEMBLY	SCALE NTS
COPYRIGHT © 1996 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND NOT BE LOANED OR REPRODUCED IN ANY MANNER WITHOUT THE WRITTEN PERMISSION OF DART AEROSPACE LTD.	



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PERFORMANCE PARTS • PIÈCES DE PERFORMANCE
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www.bensonautoparts.com



Past due accounts bear 2% interest per month (24% per annum). If this account is placed with a 3rd party collection, an administrative cost of 25% will be added. All exchanges and refund claims must be accompanied by this invoice. Electrical parts not returnable. All parts returned are subject to 10% handling charge. All merchandise sold on this invoice remains the vendor's property until the invoice is paid in full.
TERMS: Payment due on 10th day of the following month.

Aucun remboursement sans cette facture. Net 30 jours. 2% de frais d'intérêt par mois (24% par année) sur compte en souffrance. 20% de frais de manipulation sur toute marchandise retournée. Toute demande de remboursement de 25% sera chargée sur compte sujet à des procédures légales. Les marchandises mentionnées sur cette facture demeurent la propriété du vendeur tant qu'elles ne seront pas entièrement payées. Pièces électriques non-retournable.
TERMS: Compte payable le 10 du mois suivant.

SIGNATURE

GST / TPS
10035 3366 RT0001

1000 RUE LANDSDOWNE
TEL: (613)632-1191

HAWKESBURY, ON K6A 1H7
FAX: (613)632-2350

TVQ
1016330716 TQ0001

PROMOTION QUICKSTRUT PROMO Voici nos 3 Clients gagnants : EXPERT SUR ROUES
KEN KUSTOM RUSSELL, GMS ST AGATHE
BRAVO A TOUT NOS CLIENTS

113336 (613)632-5200
DART AEROSPACE LTD.
1270 ABERDEEN STREET
HAWKESBURY ON K6A 1K7

EXPEDITE
SHIP
TO
A

113336

SAME

DATE 11/27/09
07:27
111 MLP

PO
10841

ORD / COM	SHIP / EXP	CODE	PART No / PIÈCES	DESCRIPTION	LIST EACH / CHACUN	COST / COÛTANT	EXTENSION
30	30	TWD	CHM10601 ✓	6 CONV. MIRROR, S/ BOV: TWD	20.23	18.95	568.50
	30	***	direct twd 004404	PIECES/CORE TOT REGULAR	0.00		0.00
			SHIP VIA				
INVOICE No / FACTURE 11983471	TYPE / SORTE INVOICE	TOTAL 568.50	DISC / ESC 0.00	FRT / TRANS 0.00	GST / TPS 28.43	PST / TVQ 0.00	AMT to PAY / À PAYER 596.93

S
02/12/09



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO10841**

Purchase Order Date 25/11/2009

PO Print Date 25/11/2009

Page Number 1 of 1

Order From :

VC-AUT001

AUTO PARTS EXTRA
1000 RUE LANSDOWNE
HAWKESBURY, ON K6A 1H7
CA

FAXED
9/11/09

Contact Name
Vendor Phone 613 632 1191
Vendor Fax 613 632 2350
Vendor Account Nbr

Buyer Chantal Lavoie
Requisition Nbr
Tax Resale Nbr 10127-2607
Terms Net 30
Currency CAD
FOB

Ship To : DART AEROSPACE LTD 1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extender Price
1	CHM-10601	Mirror 6"	30/11/2009 Yes	50.00 Each	Yours ppd	\$18.9500	\$947.:

Special Inst: As per drawing D2011 Rev G
B# 53992

PO Total: \$947.:

CERTIFICATE OF CONFORMITY
REQD UPON DELIVERY

Change Nbr: 1

Change Date: 25/11/2009

No substitution or deviation without
consent.
Certificate of Conformity or Material
Certification required when applicable